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NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY  
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NEWS 17 Aug 08 PHARMAMarketLetter (PHARMAML) - new on STN  
NEWS 18 Aug 08 NTIS has been reloaded and enhanced  
NEWS 19 Aug 09 JAPIO to be reloaded August 25, 2002  
NEWS 20 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)  
now available on STN  
NEWS 21 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded  
NEWS 22 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded  
NEWS 23 Aug 26 Sequence searching in REGISTRY enhanced  
  
NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,  
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),  
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002  
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09/ 868,884

=> file reg		SINCE FILE	TOTAL
COST IN U.S. DOLLARS		ENTRY	SESSION
FULL ESTIMATED COST		0.21	0.21

FILE 'REGISTRY' ENTERED AT 13:31:17 ON 28 AUG 2002  
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STRUCTURE FILE UPDATES: 26 AUG 2002 HIGHEST RN 444986-65-6  
DICTIONARY FILE UPDATES: 26 AUG 2002 HIGHEST RN 444986-65-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

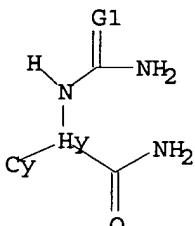
Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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L1 STRUCTURE UPLOADED

=> d 11  
L1 HAS NO ANSWERS  
L1 STR



G1 O,S

Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SEARCH INITIATED 13:31:35 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 9059 TO ITERATE

11.0% PROCESSED 1000 ITERATIONS 1 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 175482 TO 186878  
PROJECTED ANSWERS: 1 TO 361

L2 1 SEA SSS SAM L1

09/ 868,884

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100.0% PROCESSED 180896 ITERATIONS 93 ANSWERS  
SEARCH TIME: 00.00.10

L3 93 SEA SSS FUL L1

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FILE 'CAPLUS' ENTERED AT 13:32:38 ON 28 AUG 2002  
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FILE COVERS 1907 - 28 Aug 2002 VOL 137 ISS 9  
FILE LAST UPDATED: 26 Aug 2002 (20020826/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L4 3 L3

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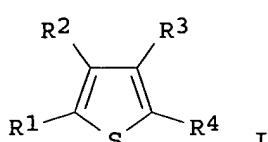
L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2002:293385 CAPLUS  
DOCUMENT NUMBER: 136:325411  
TITLE: Preparation of 2-aminothiophene-3-carboxamides as NF-.kappa.B inhibitors  
INVENTOR(S): Callahan, James F.; Roshak, Amy K.  
PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA  
SOURCE: PCT Int. Appl., 48 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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 WO 2002030353 A2 20020418 WO 2001-US31866 20011012  
 WO 2002030353 A3 20020627

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,  
 PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,  
 US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2000-239759P P 20001012  
 OTHER SOURCE(S): MARPAT 136:325411  
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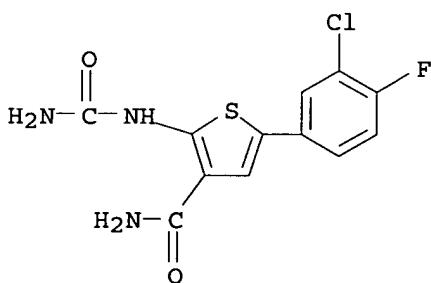


AB The title compds. [I; R1 = NR5R6; R2 = CONH2, SO2NH2; R3 = H, halo; R4 = aryl, heteroaryl; R5 = H, alkyl; R6 = H, COalkyl, SO2alkyl, etc.], useful as inhibitors of IKK-.beta. phosphorylation of I.kappa.B, were prepd. Thus, treating (4-fluorophenyl)ethanol with PCC in CH2Cl2 followed by reacting the resulting (4-fluorophenyl)acetaldehyde with sulfur and 2-cyanoacetamide in the presence of Et3N in DMF afforded 2-amino-5-(4-fluorophenyl)thiophene-3-carboxamide.

IT 412914-58-0P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of 2-aminothiophene-3-carboxamides as NF-.kappa.B inhibitors)

RN 412914-58-0 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3-chloro-4-fluorophenyl)- (9CI) (CA INDEX NAME)

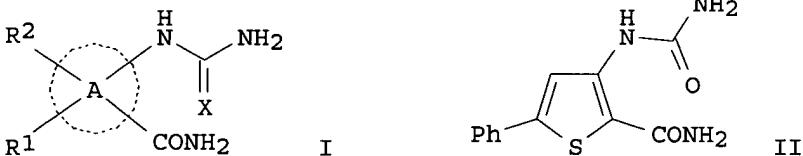


L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 2001:597977 CAPLUS  
 DOCUMENT NUMBER: 135:180698  
 TITLE: Preparation of thiophenecarboxamides as inhibitors of the enzyme IKK-2  
 INVENTOR(S): Baxter, Andrew; Brough, Stephen; Faull, Alan;  
 Johnstone, Craig; Mcinally, Thomas  
 PATENT ASSIGNEE(S): Astrazeneca AB, Swed.

SOURCE: PCT Int. Appl., 85 pp.  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION: CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001058890	A1	20010816	WO 2001-SE248	20010207
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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2002107252	A1	20020808	US 2002-868884	20020205 → pre
PRIORITY APPLN. INFO.:			GB 2000-3154	A 20000212
			WO 2001-SE248	W 20010207

OTHER SOURCE(S) : MARPAT 135:180698  
GI



AB The title compds. [I; A = 5-membered heteroarom. ring contg. 1-2 heteroatoms selected from O, N or S; R1 = (un)substituted Ph, 5-7 membered heteroarom. ring contg. 1-3 heteroatoms selected from O, N or S; R2 = H, halo, CN, etc.; X = O, S], useful in the treatment or prophylaxis of inflammatory disease, were prep'd. Thus, refluxing 3-amino-5-phenyl-2-thiophenecarboxamide with trimethylsilyl isocyanate in DMF/CH<sub>2</sub>Cl<sub>2</sub> afforded II.

IT 354811-01-1P 354811-06-6P 354811-31-7P

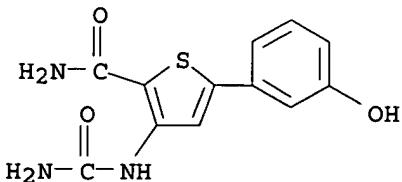
354811-69-1P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(prepn. of thiophenecarboxamides as inhibitors of the enzyme IKK-2)

RN 354811-01-1 CAPLUS

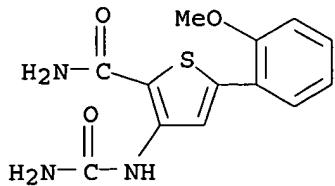
CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-(3-hydroxyphenyl)- (9CI) (CA INDEX NAME)



09/ 868,884

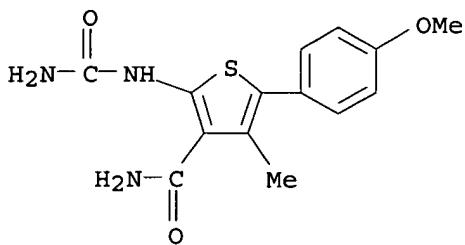
RN 354811-06-6 CAPLUS

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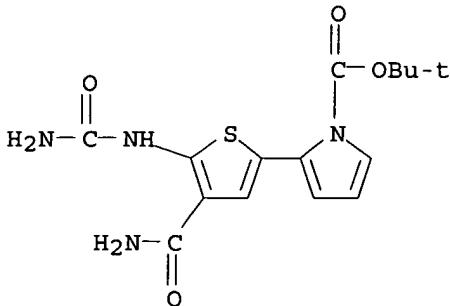
RN 354811-31-7 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-4-methyl- (9CI) (CA INDEX NAME)



RN 354811-69-1 CAPLUS

CN 1H-Pyrrole-1-carboxylic acid, 2-[4-(aminocarbonyl)-5-[(aminocarbonyl)amino]-2-thienyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



IT 354810-80-3P 354810-83-6P 354810-86-9P

354810-88-1P 354810-90-5P 354810-92-7P

354810-95-0P 354810-98-3P 354811-04-4P

354811-07-7P 354811-08-8P 354811-09-9P

354811-10-2P 354811-11-3P 354811-12-4P

354811-13-5P 354811-14-6P 354811-15-7P

354811-16-8P 354811-17-9P 354811-18-0P

354811-19-1P 354811-20-4P 354811-23-7P

354811-26-0P 354811-27-1P 354811-28-2P

354811-29-3P 354811-30-6P 354811-32-8P

354811-33-9P 354811-34-0P 354811-35-1P

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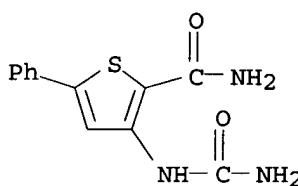
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 354811-85-1P 354811-86-2P 354811-89-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of thiophenecarboxamides as inhibitors of the enzyme IKK-2)

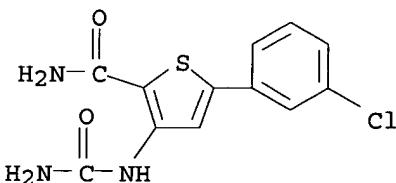
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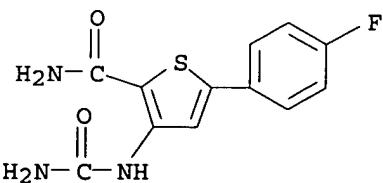
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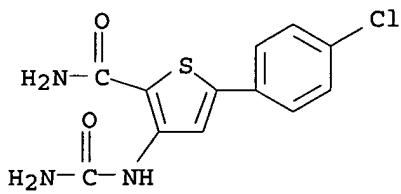
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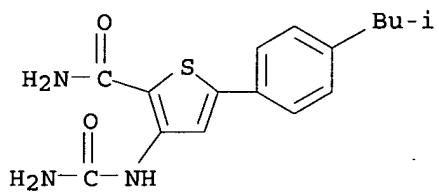


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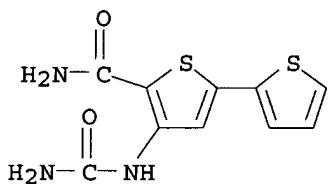
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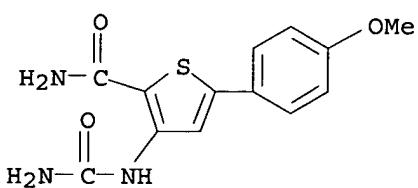
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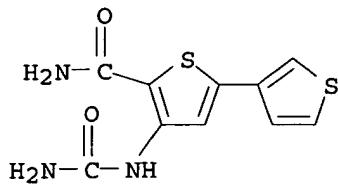
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CN [2,2'-Bithiophene]-5-carboxamide, 4-[(aminocarbonyl)amino]- (9CI) (CA INDEX NAME)



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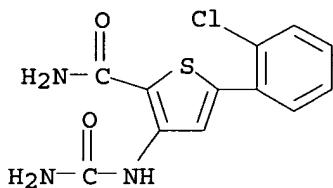


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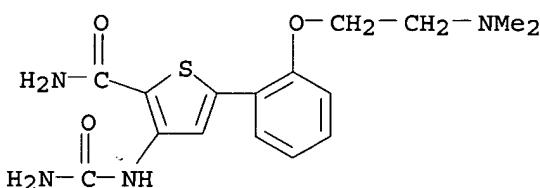
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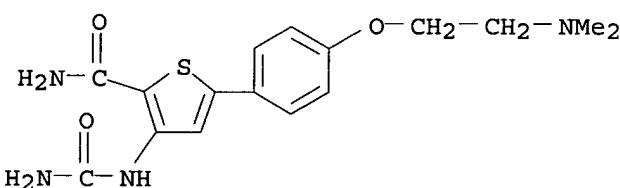
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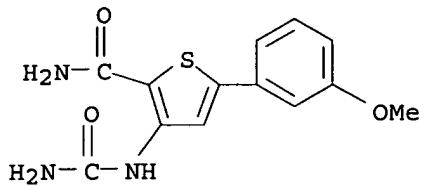
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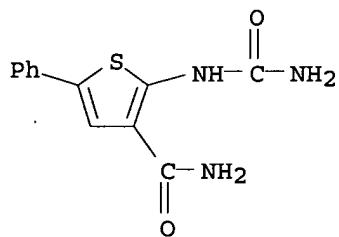


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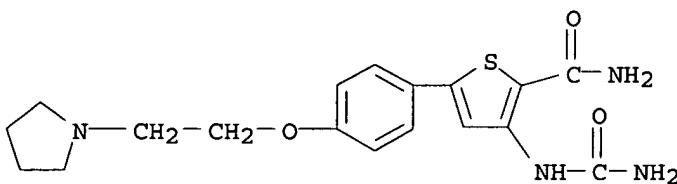
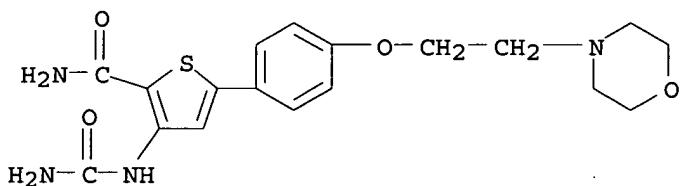
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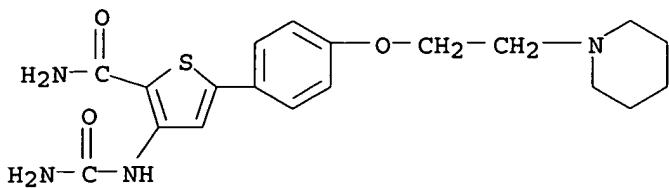


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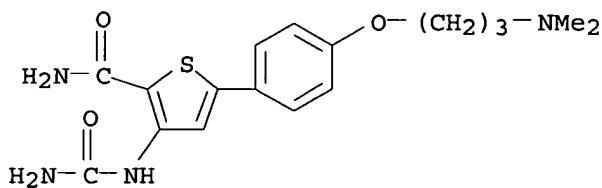
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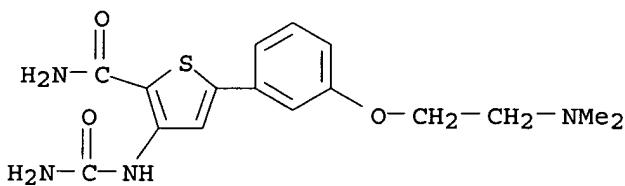
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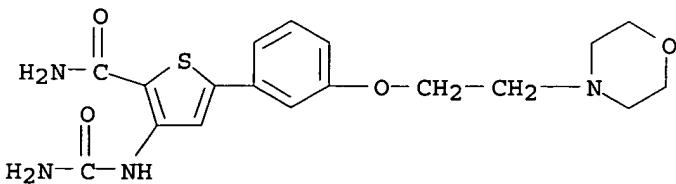
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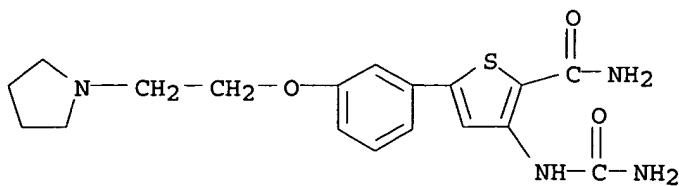
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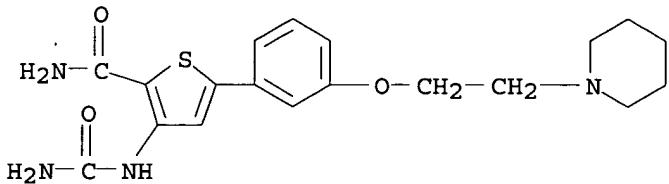
RN 354811-17-9 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[3-[2-(1-pyrrolidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



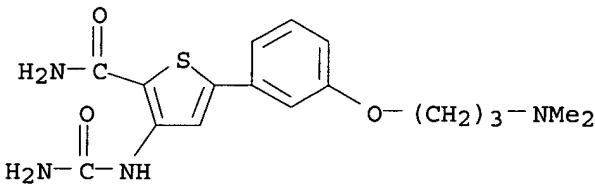
RN 354811-18-0 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[3-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



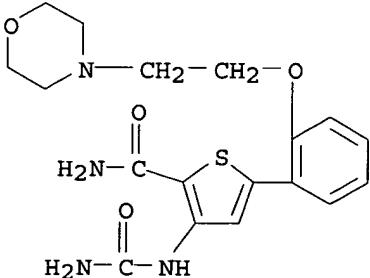
RN 354811-19-1 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[3-[3-(dimethylamino)propoxy]phenyl]- (9CI) (CA INDEX NAME)



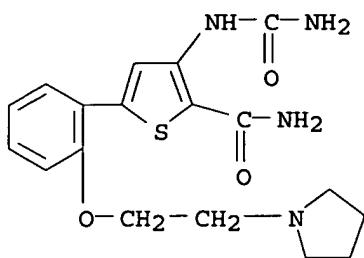
RN 354811-20-4 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[2-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



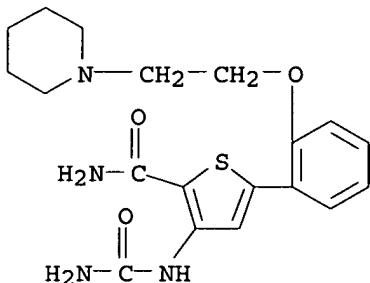
RN 354811-23-7 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[2-[2-(1-pyrrolidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



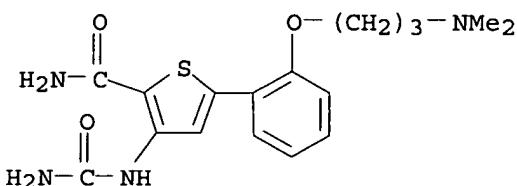
RN 354811-26-0 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[2-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



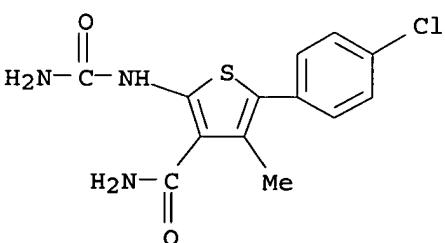
RN 354811-27-1 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[2-[3-(dimethylamino)propoxy]phenyl]- (9CI) (CA INDEX NAME)



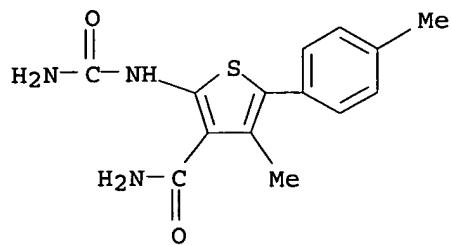
RN 354811-28-2 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-chlorophenyl)-4-methyl- (9CI) (CA INDEX NAME)

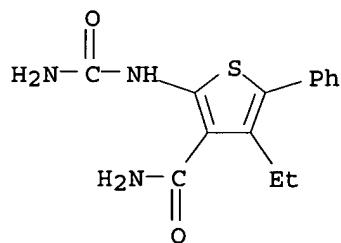


RN 354811-29-3 CAPLUS

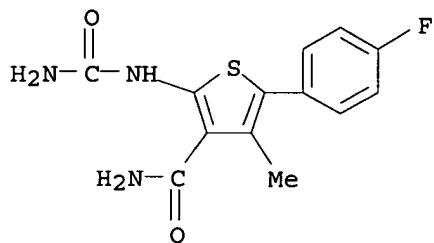
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(4-methylphenyl)- (9CI) (CA INDEX NAME)



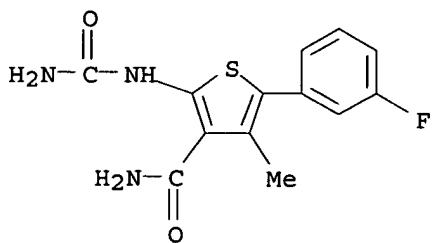
RN 354811-30-6 CAPLUS  
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-ethyl-5-phenyl- (9CI)  
(CA INDEX NAME)



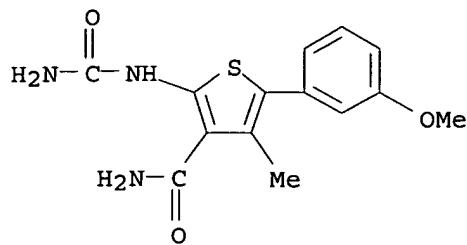
RN 354811-32-8 CAPLUS  
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-fluorophenyl)-4-methyl- (9CI) (CA INDEX NAME)



RN 354811-33-9 CAPLUS  
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3-fluorophenyl)-4-methyl- (9CI) (CA INDEX NAME)

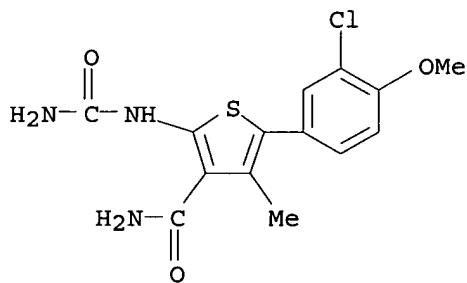


RN 354811-34-0 CAPLUS  
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3-methoxyphenyl)-4-methyl- (9CI) (CA INDEX NAME)



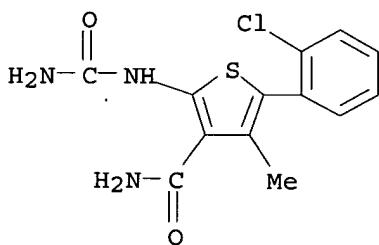
RN 354811-35-1 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3-chloro-4-methoxyphenyl)-4-methyl- (9CI) (CA INDEX NAME)



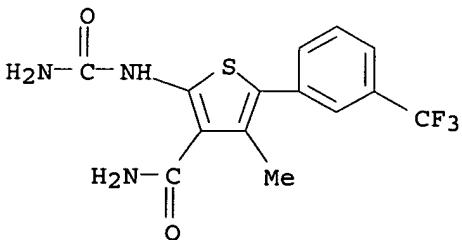
RN 354811-36-2 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2-chlorophenyl)-4-methyl- (9CI) (CA INDEX NAME)



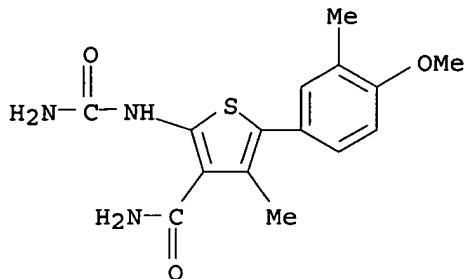
RN 354811-37-3 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



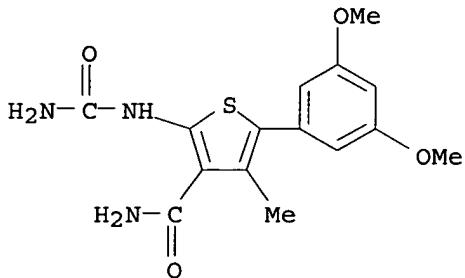
RN 354811-38-4 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-methoxy-3-methylphenyl)-4-methyl- (9CI) (CA INDEX NAME)



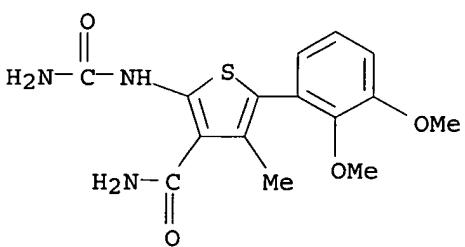
RN 354811-39-5 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3,5-dimethoxyphenyl)-4-methyl- (9CI) (CA INDEX NAME)



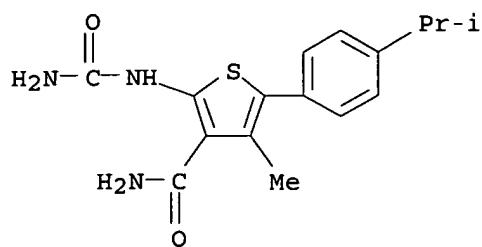
RN 354811-40-8 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2,3-dimethoxyphenyl)-4-methyl- (9CI) (CA INDEX NAME)



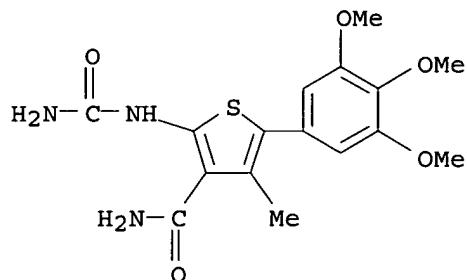
RN 354811-41-9 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-[4-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



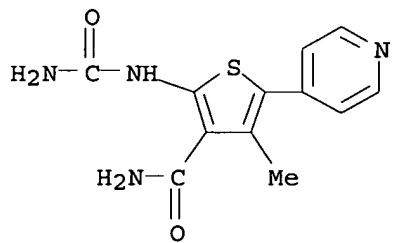
RN 354811-42-0 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(3,4,5-trimethoxyphenyl)- (9CI) (CA INDEX NAME)



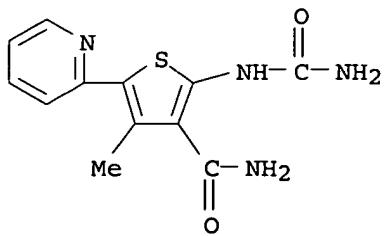
RN 354811-43-1 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(4-pyridinyl)- (9CI) (CA INDEX NAME)



RN 354811-44-2 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(2-pyridinyl)- (9CI) (CA INDEX NAME)

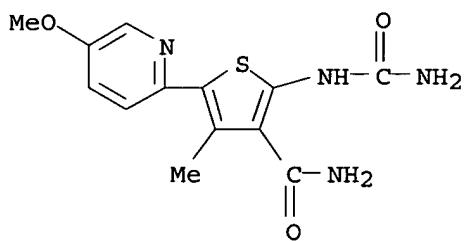


RN 354811-45-3 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(5-methoxy-2-pyridinyl)-

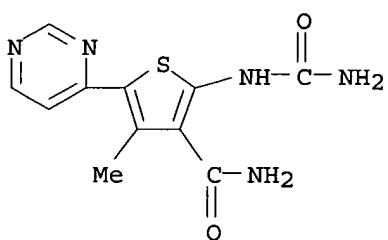
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4-methyl- (9CI) (CA INDEX NAME)



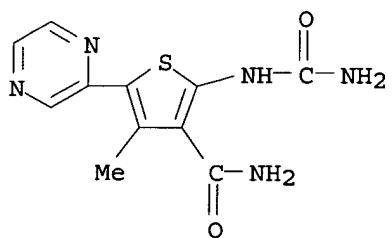
RN 354811-46-4 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(4-pyrimidinyl)- (9CI) (CA INDEX NAME)



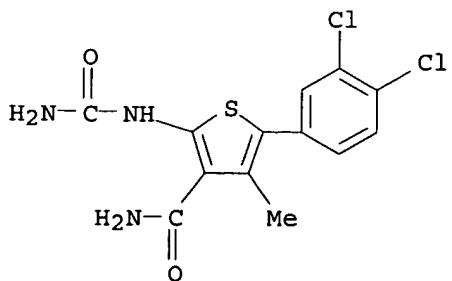
RN 354811-47-5 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-pyrazinyl- (9CI) (CA INDEX NAME)



RN 354811-48-6 CAPLUS

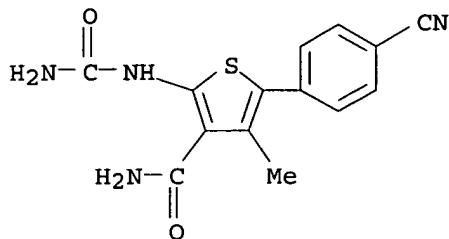
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3,4-dichlorophenyl)-4-methyl- (9CI) (CA INDEX NAME)



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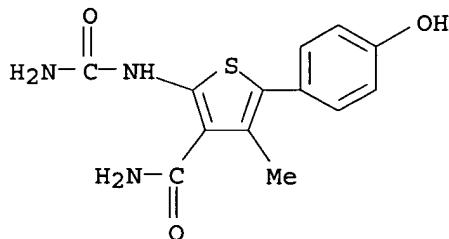
RN 354811-49-7 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-cyanophenyl)-4-methyl- (9CI) (CA INDEX NAME)



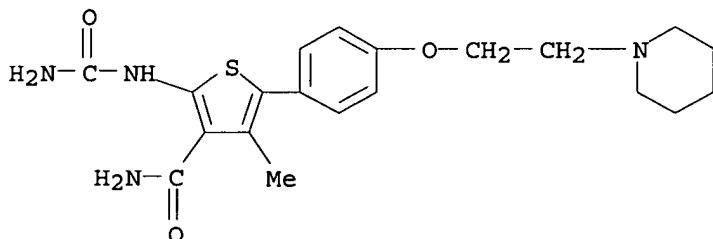
RN 354811-50-0 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-hydroxyphenyl)-4-methyl- (9CI) (CA INDEX NAME)



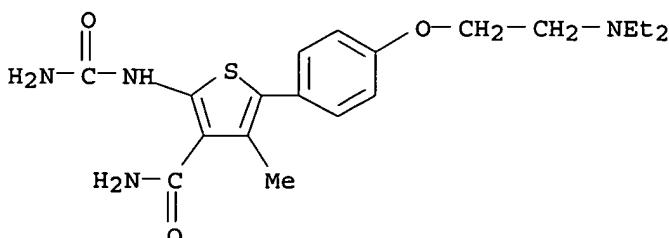
RN 354811-51-1 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-[4-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)

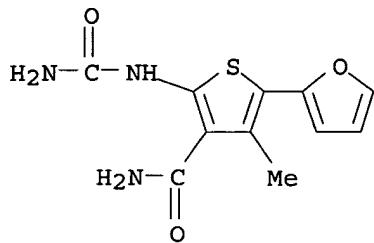


RN 354811-52-2 CAPLUS

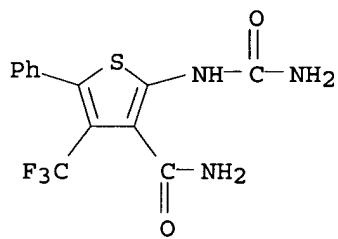
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-[2-(diethylamino)ethoxy]phenyl]-4-methyl- (9CI) (CA INDEX NAME)



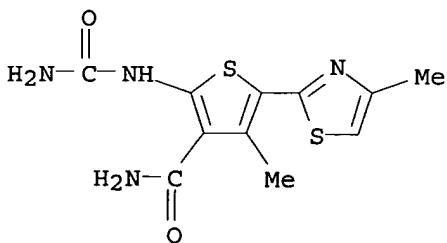
RN 354811-53-3 CAPLUS  
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2-furanyl)-4-methyl-  
(9CI) (CA INDEX NAME)



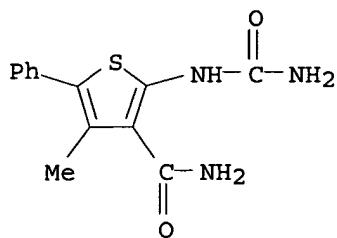
RN 354811-54-4 CAPLUS  
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-phenyl-4-  
(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 354811-55-5 CAPLUS  
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(4-methyl-2-thiazolyl)- (9CI) (CA INDEX NAME)

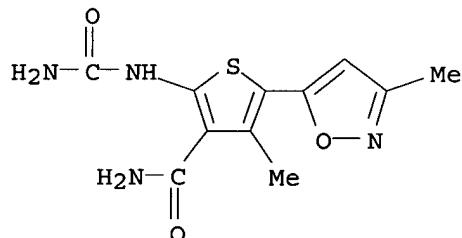


RN 354811-56-6 CAPLUS  
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-phenyl- (9CI)  
(CA INDEX NAME)



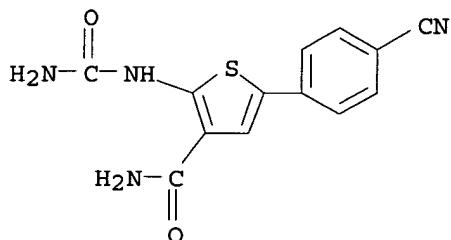
RN 354811-57-7 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(3-methyl-5-isoxazolyl)- (9CI) (CA INDEX NAME)



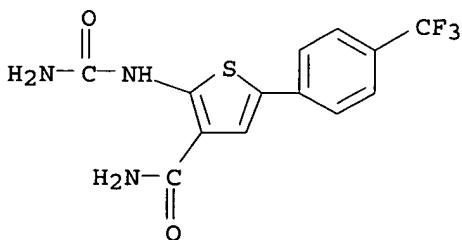
RN 354811-58-8 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-cyanophenyl)- (9CI) (CA INDEX NAME)



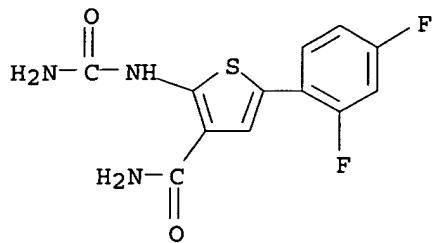
RN 354811-59-9 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



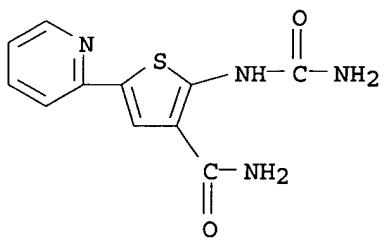
RN 354811-60-2 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2,4-difluorophenyl)- (9CI) (CA INDEX NAME)



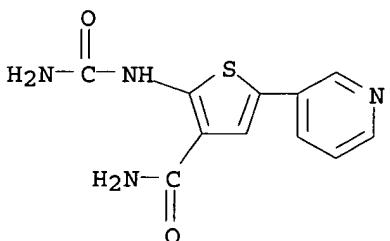
RN 354811-61-3 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2-pyridinyl)- (9CI)  
(CA INDEX NAME)



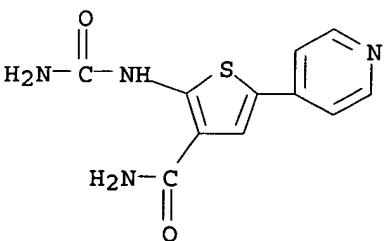
RN 354811-62-4 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3-pyridinyl)- (9CI)  
(CA INDEX NAME)



RN 354811-63-5 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-pyridinyl)- (9CI)  
(CA INDEX NAME)

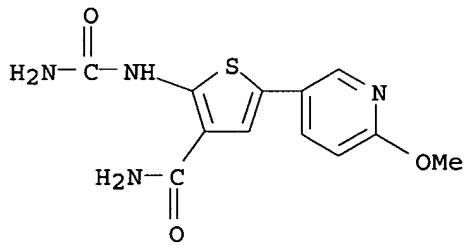


RN 354811-64-6 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(6-methoxy-3-pyridinyl)-

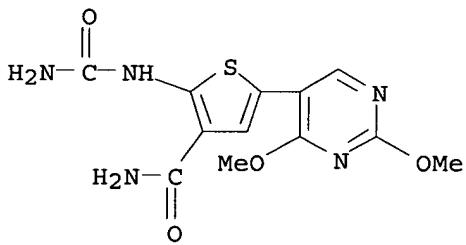
09/ 868,884

(9CI) (CA INDEX NAME)



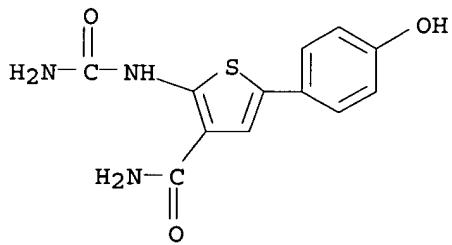
RN 354811-65-7 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2,4-dimethoxy-5-pyrimidinyl)- (9CI) (CA INDEX NAME)



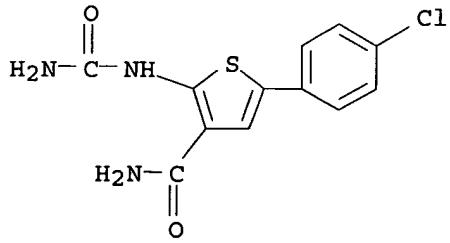
RN 354811-66-8 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-hydroxyphenyl)- (9CI) (CA INDEX NAME)



RN 354811-67-9 CAPLUS

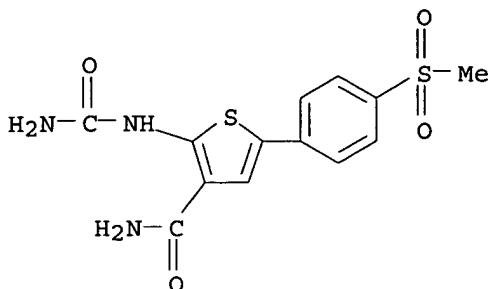
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-chlorophenyl)- (9CI) (CA INDEX NAME)



RN 354811-68-0 CAPLUS

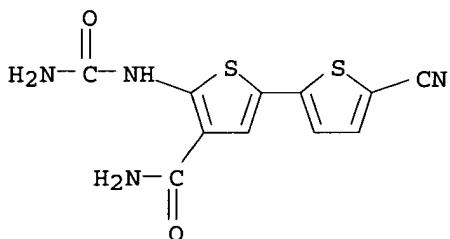
09/ 868,884

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



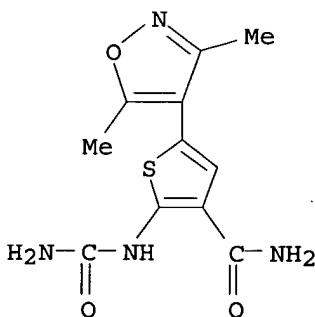
RN 354811-70-4 CAPLUS

CN [2,2'-Bithiophene]-4-carboxamide, 5-[(aminocarbonyl)amino]-5'-cyano- (9CI) (CA INDEX NAME)



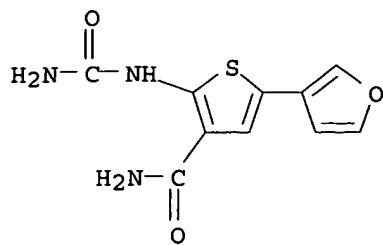
RN 354811-71-5 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3,5-dimethyl-4-isoxazolyl)- (9CI) (CA INDEX NAME)

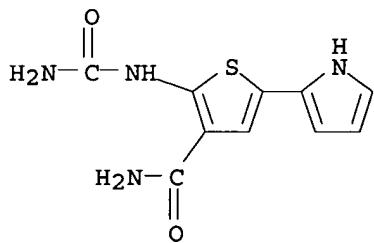


RN 354811-72-6 CAPLUS

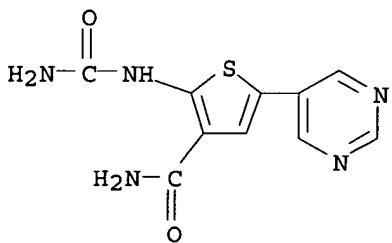
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3-furanyl)- (9CI) (CA INDEX NAME)



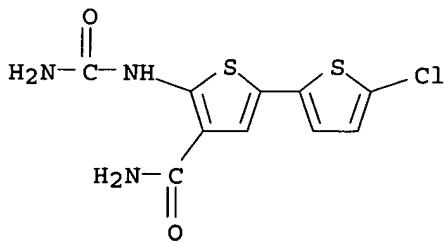
RN 354811-73-7 CAPLUS  
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(1H-pyrrol-2-yl)- (9CI)  
(CA INDEX NAME)



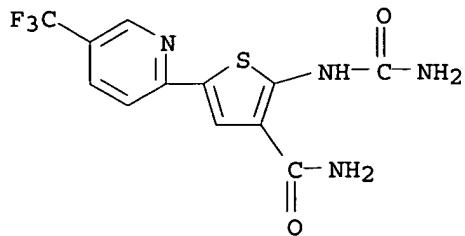
RN 354811-74-8 CAPLUS  
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(5-pyrimidinyl)- (9CI)  
(CA INDEX NAME)



RN 354811-75-9 CAPLUS  
CN [2,2'-Bithiophene]-4-carboxamide, 5-[(aminocarbonyl)amino]-5'-chloro-  
(9CI) (CA INDEX NAME)

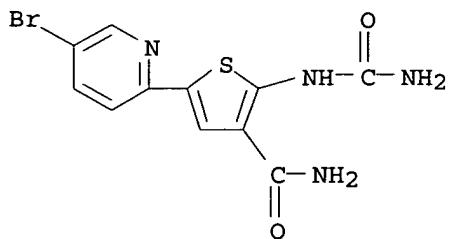


RN 354811-76-0 CAPLUS  
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[5-(trifluoromethyl)-2-pyridinyl]- (9CI) (CA INDEX NAME)



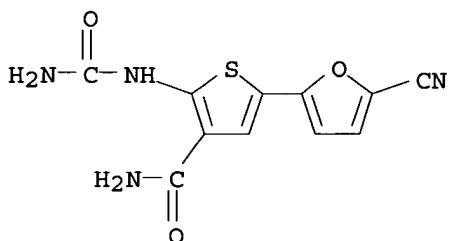
RN 354811-77-1 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(5-bromo-2-pyridinyl)- (9CI) (CA INDEX NAME)



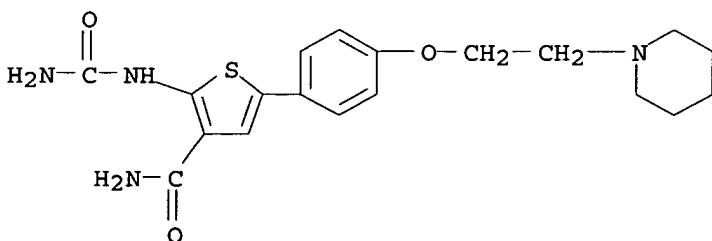
RN 354811-78-2 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(5-cyano-2-furanyl)- (9CI) (CA INDEX NAME)



RN 354811-79-3 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-[(2-(1-piperidinyl)ethoxy)phenyl]- (9CI) (CA INDEX NAME)

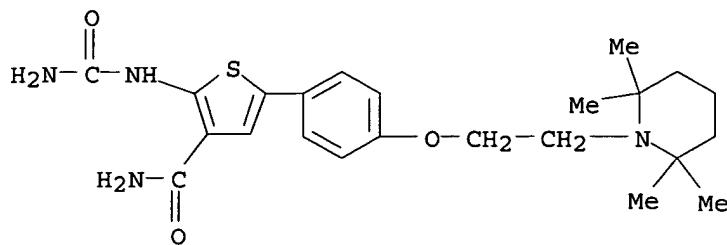


RN 354811-80-6 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-[(2,2,6,6-

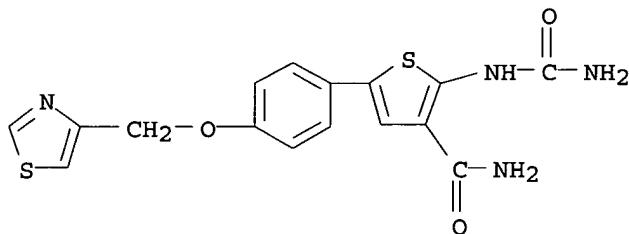
09/ 868,884

tetramethyl-1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



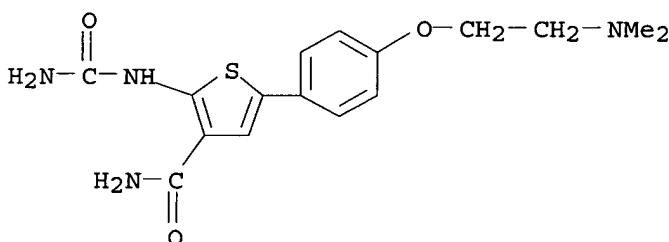
RN 354811-81-7 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-(4-thiazolylmethoxy)phenyl]- (9CI) (CA INDEX NAME)



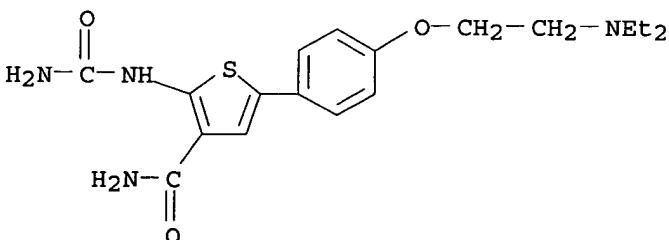
RN 354811-82-8 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-[2-(dimethylamino)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 354811-83-9 CAPLUS

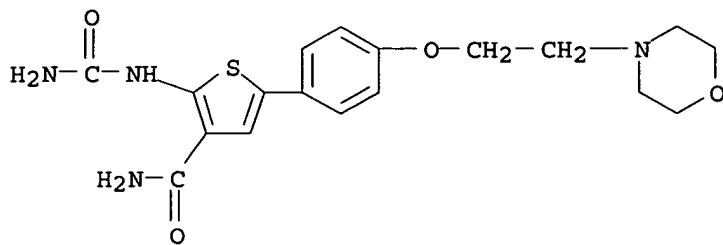
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-[2-(diethylamino)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 354811-84-0 CAPLUS

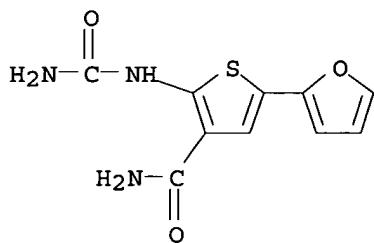
09/ 868,884

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



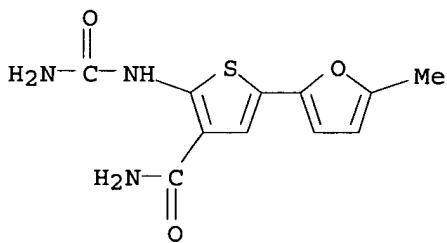
RN 354811-85-1 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2-furanyl)- (9CI) (CA INDEX NAME)



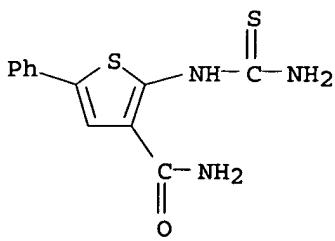
RN 354811-86-2 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(5-methyl-2-furanyl)- (9CI) (CA INDEX NAME)

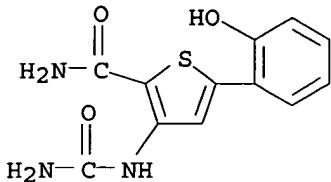


RN 354811-89-5 CAPLUS

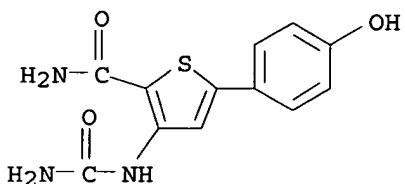
CN 3-Thiophenecarboxamide, 2-[(aminothioxomethyl)amino]-5-phenyl- (9CI) (CA INDEX NAME)



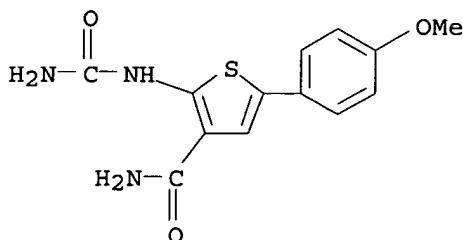
IT 354811-95-3P 354811-96-4P 354812-11-6P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (prepn. of thiophenecarboxamides as inhibitors of the enzyme IKK-2)  
 RN 354811-95-3 CAPLUS  
 CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-(2-hydroxyphenyl)-  
 (9CI) (CA INDEX NAME)



RN 354811-96-4 CAPLUS  
 CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-(4-hydroxyphenyl)-  
 (9CI) (CA INDEX NAME)



RN 354812-11-6 CAPLUS  
 CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-  
 (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 1977:468566 CAPLUS  
 DOCUMENT NUMBER: 87:68566  
 TITLE: Nucleophile and borate reactivity with nicotinamide  
 adenine dinucleotide and its analogs  
 Johnson, S. L.; Smith, K. W.  
 AUTHOR(S):  
 CORPORATE SOURCE: Sch. Med., Univ. Pittsburgh, Pittsburgh, Pa., USA  
 SOURCE: J. Org. Chem. (1977), 42(15), 2580-9  
 CODEN: JOCEAH  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 AB Nucleophilic reactivity of pyridine nucleotides was measured. There is no

relationship between rate of reaction and equil. affinity for the nucleophile. The position of equil. correlates with that for nucleophilic reaction with the carbonyl group. A better correlation between pyridinium ion addn. reactions was obtained: a new affinity scale for the pyridinium ion,  $P_+$ , is defined. Boration of the ribose adjacent to the pyridinium ring reduces the equil. const. for nucleophile addn. 3- to 7-fold, regardless of the structure of the pyridinium moiety.

IT 62430-80-2P

RL: PREP (Preparation)

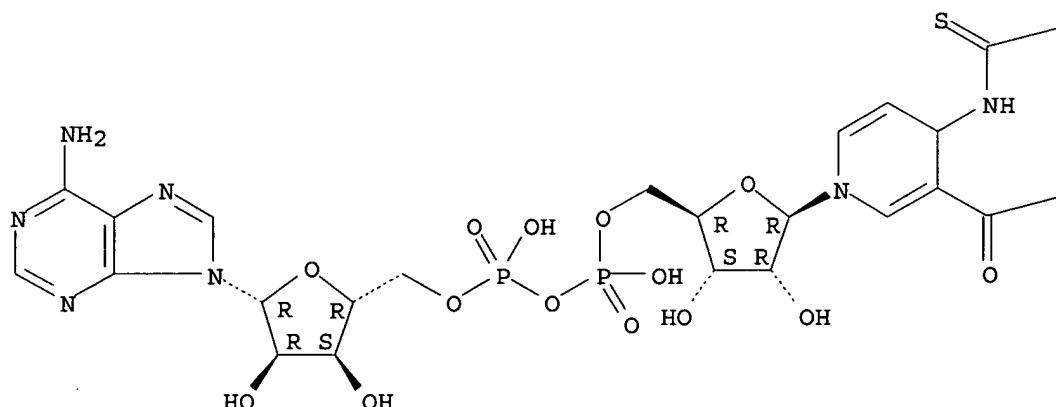
(formation from pyridinium ion, assocn. const. of)

RN 62430-80-2 CAPLUS

Adenosine 5'-(trihydrogen diphosphate), P'.fwdarw.5'-ester with 4-[(aminothioxomethyl)amino]-1,4-dihydro-1-.beta.-D-ribosyl-3-pyridinecarboxamide (9CI) (CA INDEX NAME)

### Absolute stereochemistry.

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PAGE 1-B

—NH<sub>2</sub>

—NH<sub>2</sub>

=> d his

(FILE 'HOME' ENTERED AT 13:31:08 ON 28 AUG 2002)

FILE 'REGISTRY' ENTERED AT 13:31:17 ON 28 AUG 2002

L1 STRUCTURE UPLOADED

L2 1 S L1

L3 93 S L1 FUL

FILE 'CAPLUS' ENTERED AT 13:32:38 ON 28 AUG 2002

L4 3 S L3

=>  $\log y$

**COST IN U.S. DOLLARS**

SINCE FILE TOTAL

09/ 868,884

	ENTRY	SESSION
FULL ESTIMATED COST	13.96	154.83
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	-1.86	-1.86

STN INTERNATIONAL LOGOFF AT 13:33:40 ON 28 AUG 2002